

Form PTO-1449 (Modified)								Atty. Docket No. 78162-32C	Serial No. Not Assigned	Page 1/5
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)								Applicant JAROSLAV A. KRALOVEC		
								Filing Date 08/10/01	Group 1645 1651	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROPRIATE
Dta	US	4	5	3	3	5	4	8	6 Aug. 1985				
	US	4	8	3	1	0	2	0	16 May 1989				
	US	4	7	8	6	4	9	6	22 Nov. 1988				
	US	3	4	6	2	4	1	2	19 Aug. 1969				
	US	6	0	2	7	9	0	0	22 Feb. 2000				
	US	5	7	8	0	0	9	6	14 July 1998				
	US	4	1	4	3	1	6	2	6 Mar. 1979				
	US	5	8	7	1	9	5	2	16 Feb. 1999				
	US	4	5	3	3	5	4	8	1985				
	US	4	9	3	1	2	9	1	6/5/90	Kojima et al.	426	2	
	US	6	0	2	2	5	7	3	2/8/00	Hagiwara	426	270	
Dta	US	6	1	8	3	9	6	8	2/6/01	Bandman et al.	435	6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION		
														YES	NO
Dta	CA	2	2	7	0	1	0	6	1999	Canada					
	JP	7	7	7	9	0	1	6	1977	Japan			Abst.		
	JP	0	5	0	3	9	8	94	1994	Japan			Abst.		
	JP	6	1	0	7	8	7	29A	1986	Japan			Abst. & Summary		
	JP	5	7	0	1	4	5	33A	1982	Japan			Summary		
	JP	0	6	2	4	8	0	03	1994	Japan			Summary		
	EP	0	2	9	5	9	5	6	1988	Europe					
	JP	6	1	0	9	6	9	92	1986	Japan			Summary		
	JP	5	8	0	1	5	9	20	1983	Japan			Summary		
	GB	1	1	4	1	8	2	1	1969	Great Britain					
Dta	WO	0	2	0	4	0	0	0	17-01-02	PCT					

Form PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Atty. Docket No. 78162-32C	Serial No. Not Assigned	Page 2/5
	Applicant JAROSLAV A. KRALOVEC		
	Filing Date 08/10/01	Group 1645	

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

DYM	A1	Kessler, E. "Phycotalk" 1989, 1:141-153 V. Rastogi Publ., New Delhi, India
DYM	A2	Lee, Robert E. "Phycology" 2 nd edition; 1989, page 281; Cambridge University Press
9	A3	Tanaka et al. Immunopharmacol. Immunotoxicol., 1990, 12(2):277-291 (abstract)
	A4	Tanaka et al. Cancer Immunol. Immunother., Feb. 1998, 45(6):313-320 (abstract)
	A5	Hasegawa et al. Int. J. Immunopharmacol., 1990, 12(8):883-891 (abstract)
	A6	Neveu et al. Experientia, 15 Dec. 1978, 34(12):1644-1645 (abstract)
	A7	Vermeil and Morin CR Seances Soc. Biol. Fil., Oct. 1976, 170(3):646-649 (abstract in English)
	A8	Miyazawa et al. J. Ethnopharmacol., Dec. 1988, 24(2-3):135-146 (abstract)
	A9	Umezawa et al., An acidic polysaccharide, Chlon A, from Chlorella pyrenoidosa. I. Physicochemical and biological properties" Chemotherapy, Sept. 1982, 30(9):1041-1046 (abstract in English; parts of article in English)
	A10	Komiyama et al. Chemotherapy, 1986, 34:302-307 (English short description)
	A11	White and Barber, Biochimica Biophysica Acta, 1972, 264:117-128
	A12	Kojima et al. J. Retic. Soc., 1973, 14:192-208
	A13	Mizuno et al. Bull. Fac. Agr. Shizuoka Univ. (Shizuoka Daigaku Nogakubu Kenkyu Hokoku), 1980, 30:51-59 (abstract in English)
	A14	Ukai et al. Ann. Proc. Gifu Pharm. Univ. (Gifu Yakka Daigaku Kiyo), 1990, 39:44-48 (abstract in English)
	A15	Chu et al., "Polysaccharide composition of five algal species used as food for larvae of the American oyster, Crassostrea virginica", Aquaculture (1982), 29(3-4), 241-52 (abstract)
	A16	World Catalogue of Algae, 2 nd Edition, pages 58-66, 68, 69, 72-74; Miyachi et al. (Eds); 1989; Japan Scientific Societies Press
	A17	www.taiwanchlorella.com/product-3.htm
	A18	http://www.uku.fi/laitokset/anat/PG/c_method.htm
	A19	Ogawa et al., "Isolation and Identification of 3-O-Methyl-D-galactose as a Constituent of Neutral Polysaccharide of Chlorella vulgaris", Biosci. Biotech. Biochem., 1997, 58(5):942 and 944
	A20	Komiyama et al., "An acidic polysaccharide Chlon A, from Chlorella pyrenoidosa", The Kitasato Institute, pp. 1-6
DYM	A21	Ogawa et al. "Isolation and Identification of 2-O-Methyl-L-rhamnose and 3-O-Methyl-L-rhamnose as Constituents of an Acidic Polysaccharide of Chlorella vulgaris", Biosci. Biotech. Biochem., 1997, 61(3):539-540

Form PTO-1449 (Modified)		Atty. Docket No. 78162-32C	Serial No. Not Assigned	Page 3/5
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DW	A22	Brown and Jeffrey, "Biochemical composition of microalgae from the green algal classes Chlorophyceae and Prasinophyceae. L. Amino acids, sugars and pigments, J. Exp. Mar. Biol. Ecol. 161 (1992) 91-113
	A23	Bold and Wynne, "Introduction to the Algae Structure and Reproduction" 2 nd edition; p. 142, Prentice-Hall, Inc.
	A24	Konishi et al., "Enhanced resistance against Escherichia coli infection by subcutaneous administration of the hot-water extract of Chlorella vulgaris in cyclophosphamide-treated mice", Cancer Immunol. Immunother., 1990, 32(1):1-7 (abstract)
	A25	Terziev et al., "Use of nonspecific agents and vaccination in bronchopneumonia prevention in cattle", Vet Med Nauki, 1983, 20(1):36-9 (abstract in English)
	A26	Rotkovska et al., "The radioprotective effects of aqueous extract from chlorococcal freshwater algae (Chlorella kessleri) in mice and rats", Strahlenther Onkol, Nov. 1989, 165(11):813-6 (abstract)
	A27	Tanaka et al., "Oral administration of a unicellular green algae, Chlorella vulgaris, prevents stress-induced ulcer", Planta Med, Oct. 1997, 63(5):465-6 (abstract)
	A28	Hasegawa et al., "Oral administration of hot water extracts of Chlorella vulgaris reduces IgE production against milk casein in mice", Int. J. Immunopharmacol., May 1999, 21(5):311-23 (abstract)
	A29	Dantas and Queiroz, "Effects of Chlorella vulgaris on bone marrow progenitor cells of mice infected with Listeria monocytogenes", Int. J. Immunopharmacol., Aug. 1999, 21(8):499-508 (abstract)
	A30	Hasegawa et al., "Hot water extracts of Chlorella vulgaris reduce opportunistic infection with Listeria monocytogenes in C57BL/6 mice infected with LP-BM5 murine leukemia viruses", Int. J. Immunopharmacol., June 1995, 17(6):505-12 (abstract)
	A31	Hasegawa et al., "Effect of hot water extract of Chlorella vulgaris on cytokine expression patterns in mice with murine acquired immunodeficiency syndrome after infection with Listeria monocytogenes", Immunopharmacology, Jan. 1997, 35(3):273-82 (abstract)
	A32	Hasegawa et al., "Augmentation of the resistance against Listeria monocytogenes by oral administration of a hot water extract of Chlorella vulgaris in mice", Immunopharmacol. Immunotoxicol., May 1994, 16(2):191-202 (abstract)
DW	A33	Tanaka et al., "A novel glycoprotein obtained from Chlorella vulgaris strain CK22 shows antimetastatic immunopotentiation", Cancer Immunol. Immunother., Feb. 1998, 45(6):313-20 (abstract)

Form PTO-1449 (Modified)		Atty. Docket No. 78162-32C	Serial No. Not Assigned	Page 4/5
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<i>JKW</i>	A34	Kotrbacek et al., "Increased immune response in broilers after administration of natural food supplements", Vet Med (Praha) 1994, 39(6):321-8 (abstract in English)
	A35	Ogawa et al., (1998) "New aldoburonic acid, 3-O- α -D-Glucopyranuronosyl-L-rhamnopyranose, from an acidic polysaccharide of Chlorella vulgaris" Biosci. Biotechnol. Biochem. 62:2030-1 (short description)
	A36	Ogawa et al., (1997) "An acidic polysaccharide of Chlorella vulgaris" Biosci. Biotechnol. Biochem. 62:2030-) Isolation and identification of 2-O-methyl-L-rhamnose and of 3-O-methyl-L-rhamnose of an acidic polysaccharide of Chlorella vulgaris (short description)
	A37	Kapaun et al., (1995) "A chitin-like glycan in the cell wall of a Chlorella sp.(Chlorococcales, Chlorophyceae)" Planta 197(4)577-82 (short description)
	A38	Yalcin et al., (1994) "Characterization of the extracellular polyssacharide from freshwater microalgae Chlorella sp." Food Sci. Technol. (short description)
	A39	Komiyama et al., (1986) "An acidic polysaccharide, Chlon A, from Chlorella pyrenoidosa. II. Antitumor activity and immunological response" Chemotherapy 34:302-7 (short description)
	A40	Kojima et al., "Biological activities of Chlorella polysaccharide. I. Extraction of an active polysaccharide from Chlorella cells and its stimulative effect on phagocytic activity of rat reticuloendothelial system", Nippon Nogei Kagaku Kaishi (1972), 46(8), 373-80 (partial abstract)
	A41	Mizuno et al., (1980) "Studies on the carbohydrates of Chlorella. III. Fractionation and some biological activities of the Chlorella polysaccharides", Shizuoka Daigaku Nogakubu Kenkyu Hokoku 30:51-9 (short description)
	A42	Shino K. (1980) "Cell walls and polysaccharides of Chlorella", New Food Ind. 22:18-32 (short description)
	A43	Kojima et al., (1974) "New Chlorella polysaccharide and its accelerating effect on the phagocytic activity of the reticuloendothelial system", Recent Adv RES Res (1974) 13:101-22 (abstract and short description)
	A44	Kojima et al., (1973) "Chlorella polysaccharide as a factor stimulating RES (reticuloendothelial system) activity", RES J. Reticuloendothel. Soc. 14(2):192-208 (abstract and short description)
	A45	Kojima et al., (1972) "Biological activities of Chlorella polysaccharide. I. Extraction of an active polysaccharide from Chlorella cells and its stimulative effect on phagocytic activity of rat reticuloendothelial system", Nippon Nogei Kagaku Kaishi 46:373-80 (short description)
<i>JKW</i>	A46	White et al., (1972) "Acidic polysaccharide from cell wall of Chlorella pyrenodosa", Biochem. Biophys. Acta. 264:117-28 (short description)

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	Applicant JAROSLAV A. KRALOVEC		
	Filing Date 08/10/01	Group 1645 1651	

JKW	A47	Shnyukova E.I. N.G. Kholodnil Inst. Bol., Kiev, USSR., "Reserve polysaccharides of green microalgae", Ukr. Bot. Zh. (1990), 47(1):57-62 (abstract in English)
	A48	Kaplan et al., "Chelating properties of extracellular polysaccharides from Chlorella spp.", Appl. Environ. Microbiol. (1987), 53(12):2953-6 (partial abstract in English)
	A49	Mizuno et al., "Studies on the carbohydrates of Chlorella. III. Fractionation and some biological activities of the Chlorella polysaccharides", Shizuoka Daigaku Nogakubu Konkyu Hokoku (1980), (30):51-9 (abstract in English)
	A50	Shino, K. Chlorella Gijutsu Kaihatsu Proj. Team, Japan. "Cell walls and polysaccharides of chlorella", New Food Ind. (1980), 22(7):18-32 (English title)
	A51	Klyushkina et al., "Hydrolysis of cell-wall polysaccharides of the leaf-stem mass of higher plants and chlorella" USSR. Nov. v Poluchenii I Primenenii Fermentov. M. (1978), 94-1000. From: Ref. Zh. Biol. Khlm. 1979, Abstr. No. 19Kh469 (translated title)
	A52	XP002199857 & JP 44 023343 B (Yamada H) Abstract; Database WPI Section Ch, Derwent Publications Ltd., London, GB; Class B00, AN 1966-40421F
JKW	A53	XP002199913 & JP 58 015920 A (Chlorella Kogyo KK) 29 January 1983 Abstract; Database WPI Section Ch, Week 198310, Derwent Publications Ltd., London, GB; Class B04, AN 1983-23836K
EXAMINER		A53 9-26-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.